UNIVERSAL
MULTI-CD SYSTEM

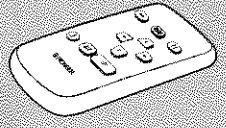
SYSTEME DE CD
MULTIPLE UNIVERSEL

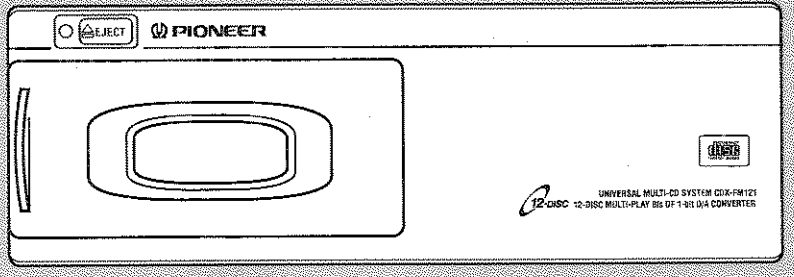
12-DISC

OWNER'S MANUAL
MODE D'EMPLOI

Thank you for purchasing this PIONEER product. Before attempting operation, be sure to read this manual.

Nous vous remercions d'avoir acheté cet appareil PIONEER. Avant de l'utiliser, prendre soin de lire ce manuel.





PIONEER

The Art of Entertainment

CDX-FM121

ENGLISH

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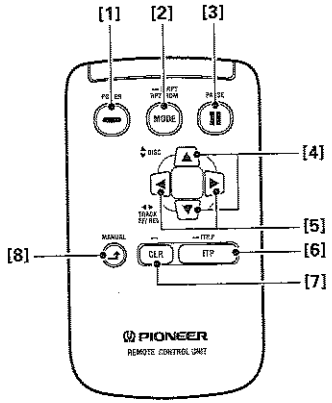


Fig. 1

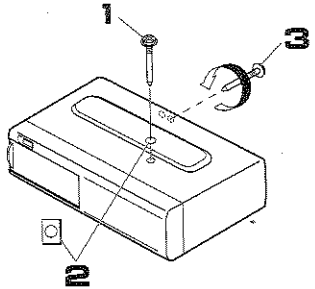


Fig. 3

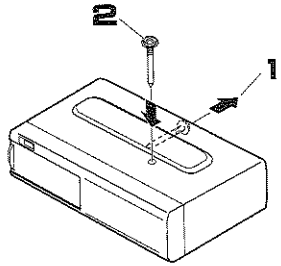


Fig. 4

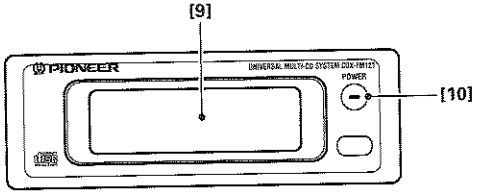


Fig. 2

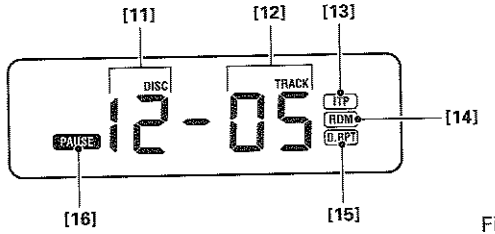


Fig. 5

Dear Customer:

Selecting fine audio equipment such as the unit you've just purchased is only the start of your musical enjoyment. Now it's time to consider how you can maximize the fun and excitement your equipment offers. This manufacturer and the Electronic Industries Association's Consumer Electronics Group want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion—and, most importantly, without affecting your sensitive hearing.

Sound can be deceiving. Over time your hearing "comfort level" adapts to higher volumes of sound. So what sounds "normal" can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

To establish a safe level:

- Start your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, and without distortion.

Once you have established a comfortable sound level:

- Set the dial and leave it there.

Taking a minute to do this now will help to prevent hearing damage or loss in the future. After all, we want you listening for a lifetime.

We Want You Listening For A Lifetime

Used wisely, your new sound equipment will provide a lifetime of fun and enjoyment. Since hearing damage from loud noise is often undetectable until it is too late, this manufacturer and the Electronic Industries Association's Consumer Electronics Group recommend you avoid prolonged exposure to excessive noise. This list of sound levels is included for your protection.

Decible Level	Example
30	Quiet library, soft whispers
40	Living room, refrigerator, bedroom away from traffic
50	Light traffic, normal conversation, quiet office
60	Air conditioner at 20 feet, sewing machine
70	Vacuum cleaner, hair dryer, noisy restaurant
80	Average city traffic, garbage disposals, alarm clock at two feet.

THE FOLLOWING NOISES CAN BE DANGEROUS UNDER CONSTANT EXPOSURE

90	Subway, motorcycle, truck traffic, lawn mower
100	Garbage truck, chain saw, pneumatic drill
120	Rock band concert in front of speakers, thunderclap
140	Gunshot blast, jet plane
180	Rocket launching pad

Information courtesy of the Deafness Research Foundation.

Precautions

CAUTION:
USE OF CONTROL OR ADJUSTMENT OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

CAUTION:
THE USE OF OPTICAL INSTRUMENTS WITH THIS PRODUCT WILL INCREASE EYE HAZARD.

NOTES:
CHANGES OR MODIFICATIONS TO THIS PRODUCT BY OTHER THAN AN AUTHORIZED SERVICE FACILITY COULD VOID AUTHORIZATION TO USE THIS EQUIPMENT.

SHOULD THE USE OF THIS PRODUCT CAUSE HARMFUL INTERFERENCE WITH ANY RADIO DEVICES, CONTACT YOUR DEALER.

THE USE OF THIS PRODUCT MAY CAUSE A NOTICEABLE LOSS IN **AM** SIGNAL RECEPTION. THIS IS NOT A MALFUNCTION BUT IS PART OF THE NORMAL OPERATION OF THIS MODEL.

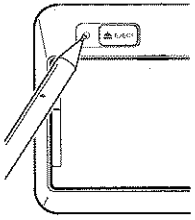
Important
The serial number of this device is located on the rear of the unit. For your own security and convenience, be sure to record this number on the enclosed warranty card.

- *When you use this universal multi-CD system, the effective sensitivity of your radio will be reduced slightly.*
- *When you turn the car radio off, the system stays on. If you leave it on for a long time, the car battery may go flat.*
- *This system cannot be used with the optional Dual multi-play CD switcher (CDX-M22).*
- *This system cannot be used with the KEX-M900 with a hideaway tuner connected.*
- *When driving on an uneven road, the player may not reproduce every sound properly.*
- *During winter the inside of the vehicle may be very cold. If the heater is turned on and the player is used soon after, the disc or optical parts (prism, lems, etc.) may become misted up, and the player will not operate correctly. If the disc is misted up, wipe it with a soft cloth. If the optical parts are misted up, wait for about an hour for them to warm up. They will return to their normal condition.*

In case of trouble
When the unit does not operate properly, contact your dealer or the nearest authorized PIONEER Service Station.
In the United States, please call 1-800-421-1404 for product information or your nearest service center or 1-800-228-7221 for information on parts.

Pressing the clear button

After connecting everything up, press the clear button with the tip of a pencil. If the power will not switch on, or if the CD player does not operate, when the button on the control unit is pressed, or if the control unit display is incorrect, press this button with the tip of a pencil to restore normal operation.



Transportation pin

Removing the transportation pin

A transportation pin is installed to protect the player during transportation. Before mounting the player, remove the transportation pin and cover the hole with the supplied adhesive seal. Screw the removed transportation pin into the specified hole; it will be needed if you retransport the player.

(Fig. 3)

1. Peel off adhesive tape and remove the pin.
2. Cover the hole with the seal provided.
3. Screw the pin into the left-side hole of the 2 holes.

Reinstalling the pin

To transport the player, reinstall the transportation pin as follows:

Before removing the player

Play back the first track of a disc, and stop within 10 seconds. Remove the magazine, wait about 10 seconds, then remove the player.

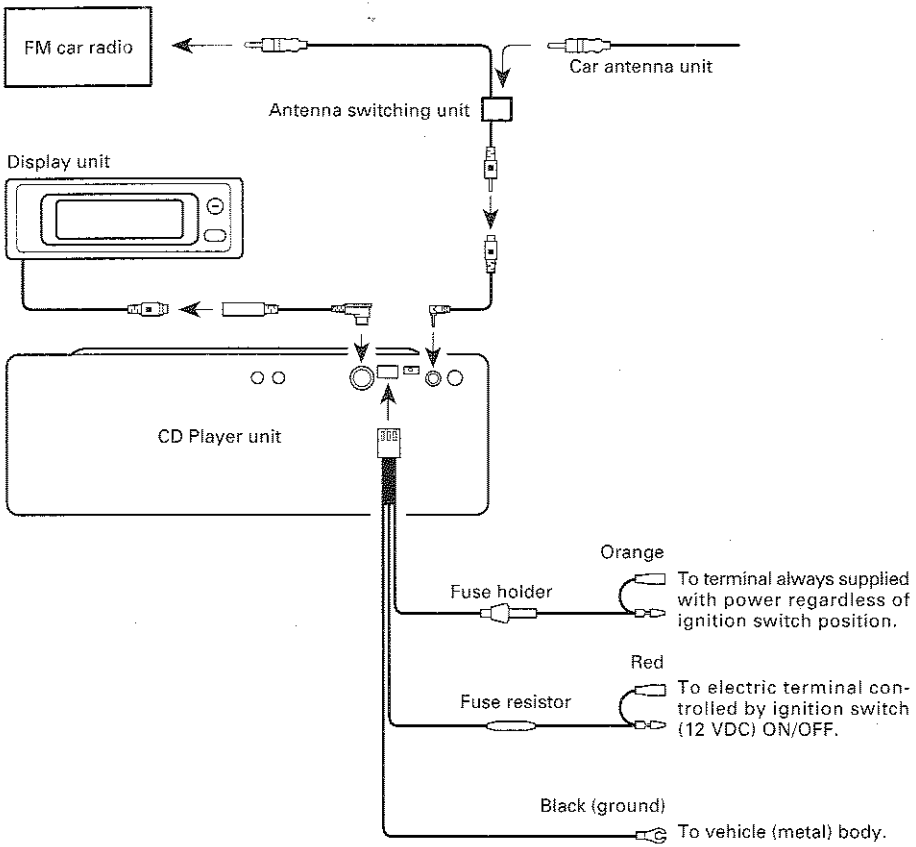
(Fig. 4)

1. Remove the pin.
2. Insert the pin in its original position, and fix it with Scotch tape.

- *If the pin cannot be installed, contact your nearest dealer or Pioneer service station.*

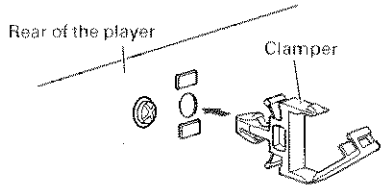
Connecting the Units

- Before mounting, remove the transportation pin and connect the units temporarily. check that the units and the system are working correctly.
- After connection is complete, press the clear buttons on the CD player with the tip of a pencil.
- *Be sure to connect the ground lead (black) to the vehicle body or some other metal part that is properly grounded to the chassis. If the ground lead is not properly connected, noise may occur or the system may not operate correctly.*
- *This unit is for vehicles with a 12-volt battery and negative grounding. Before installing it in a recreational vehicle, truck, or bus, check the battery voltage.*
- *To avoid shorts in the electrical system, be sure to disconnect the battery (–) cable before beginning installation.*
- *Check whether installation and wiring have been completed correctly. Replace the removed car components, then connect the end of the cable to the negative (–) terminal of the battery.*
- *Secure the wiring with cable clamps or adhesive tape. To protect the wiring, wrap adhesive tape around them where they lie against metal parts.*
- *Route and secure all wiring so it cannot touch any moving parts, such as the gear shift, handbrake, and seat rails. Do not route wiring in places that get hot, such as near the heater outlet. If the insulation of the wiring melts or gets torn, there is a danger of the wiring short-circuiting to the vehicle body.*
- *Don't pass the orange lead through a hole into the engine compartment to connect to the battery. This will damage the lead insulation and cause a very dangerous short.*
- *Do not shorten any leads. If you do, the protection circuit may fail to work when it should.*
- *Never feed power to other equipment by cutting the insulation of the power supply lead of the unit and tapping into the lead. The current capacity of the lead will be exceeded, causing over heating.*
- *Replace fuses only with the types stipulated on the fuse holder.*

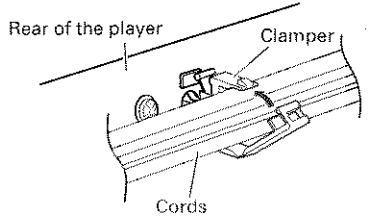


Securing cords

1. Mount the supplied clamper on the rear of the player.



2. Bundle all the cords together and secure them with the clamper.

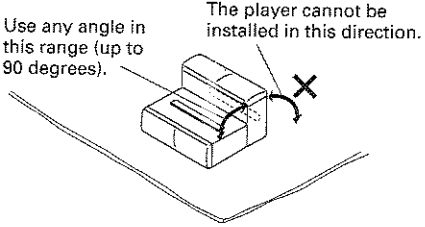


Installation

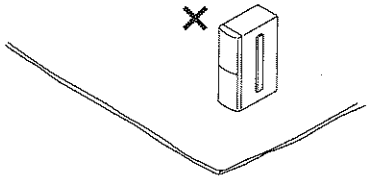
- *Consult with your nearest dealer if installation requires the drilling of holes or other modifications of the vehicle.*
- *Before finally installing the unit, connect the wiring temporarily and make sure it is all corrected up properly and the unit and the system work properly.*
- *Use only the parts included with the unit to ensure proper installation. The use of unauthorized parts can cause malfunctions.*
- *When mounting the player, make sure none of the leads are trapped between the player and the surrounding metalwork or fittings.*

Location

- *Install the unit where it does not get in the driver's way and cannot injure the passenger if there is a sudden stop, like an emergency stop.*
- *Be sure to mount the player on a rigid surface which is firm enough to hold the player in the proper position under all circumstances. Failure to do so may affect the optimum performance of the player.*
- *Before drilling a hole into the trunk, confirm that there is nothing behind the hole. Never drill a hole in the fuel tank or any other important part.*
- *Do not mount the player near the heater outlet, where it would be affected by heat, or near the doors, where rainwater might splash onto it.*
- *Do not mount the player on the spare tire board or any other unstable place.*
- *Mount the player in a place where it does not prevent the spare tire, jack, or tools from being easily removed.*
- *Do not mount the player anywhere that gets the sun and so becomes hot, like on the dashboard or the rear shelf.*
- *Install this unit at the angle shown below. In addition, choose a place where the CD magazine can be loaded and unloaded easily.*

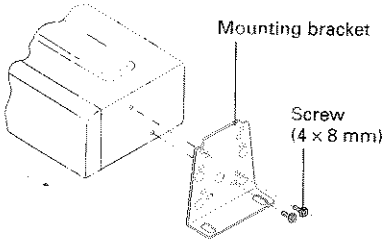


The player cannot be installed vertically like this. If it is positioned vertically, the magazine slot must face upward.

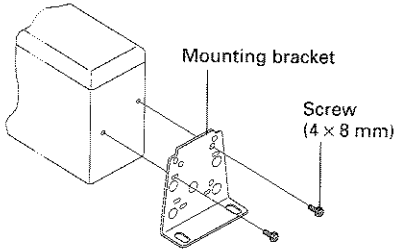


Mounting the player on the mounting board with self-tapping screws

1. Using the screws (4 × 8 mm), fit the mounting brackets to the sides of the player so they face downward.

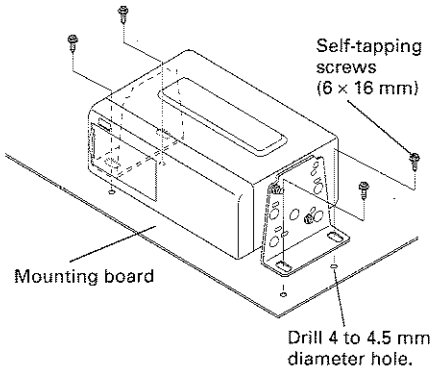


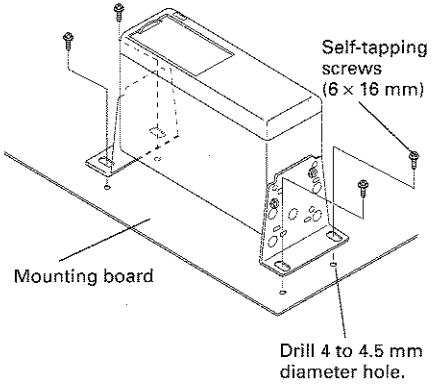
- When the player is installed horizontally, use the holes marked "HR" to attach the right mounting bracket, and the holes marked "HL" to attach the left mounting bracket.



- When the player is installed vertically, use the holes marked "VR" to attach the right mounting bracket, and the holes marked "VL" to attach the left mounting bracket.

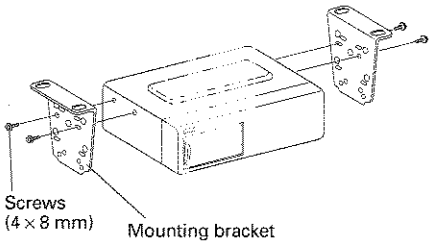
2. Mount the player on the mounting board with the self-tapping screws (6 × 16 mm).





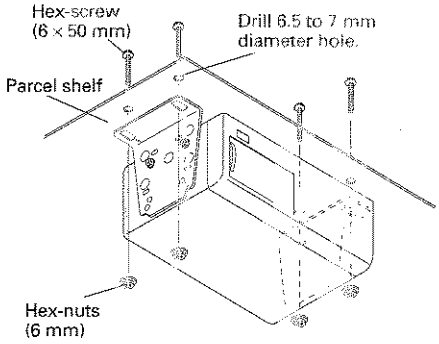
Suspending the player from the parcel shelf with hex-screws

1. Using the screws (4 × 8 mm), fit the mounting brackets to the sides of the player so they face upward.



- Use the holes marked "S" to attach the mounting brackets to the player.

2. Check the place of mounting and drill holes (6.5 to 7 mm diameter) through the parcel shelf.
3. Pass hex-screws (6 × 50 mm) through the holes from the passenger compartment side, fit them to the screw holes of the mounting bracket, and install with the hex-nuts.

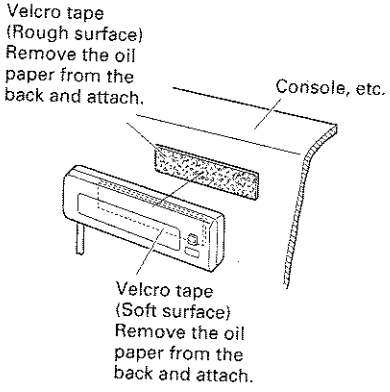


- *Ideally, when the player is being mounted under the parcel shelf, two persons should work together. One person should hold the player, and the other should tighten the hex-nuts. If you do this job on your own, take great care not to drop or knock the player.*

Installing the Display Unit

Mounting example 1: Fasten the display unit with Velcro tape.

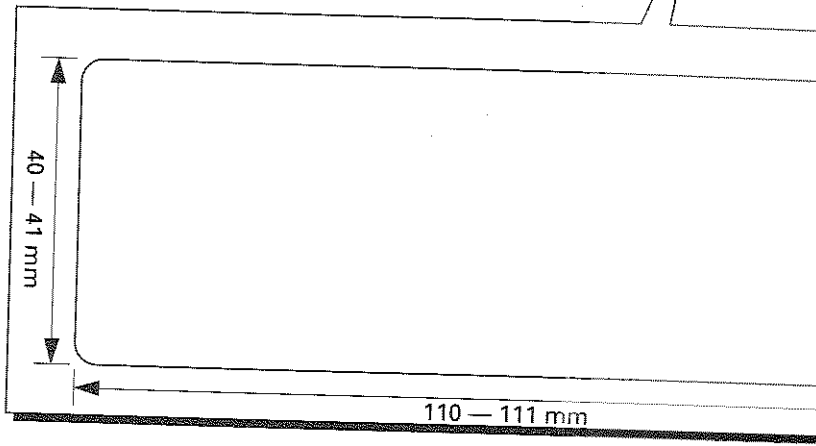
- Throughly wipe off the surface before affixing the Velcro tape.
- Obviously, it is very dangerous if the cord gets tangled in the steering wheel, so install the cord so that it cannot get in the way.



Mounting example 2: Installation using the flush mounting bracket

1. Start by opening installation holes in the console, etc., according to the dimension diagram below.
- When opening holes in the console, etc., confirm that there is no object at the rear of the console, and be careful not to cut off the power supply cord.
- A depth of minimum 20 mm is required for installation of the flush mounting bracket.

Use this as a pattern.



- Be careful not to open large
those of the diagram above
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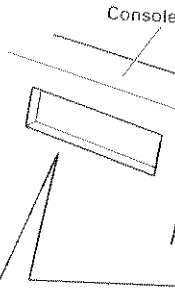
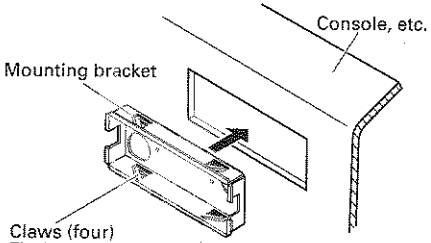
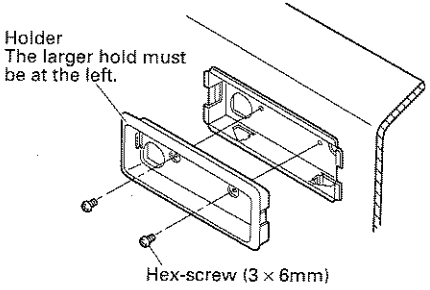


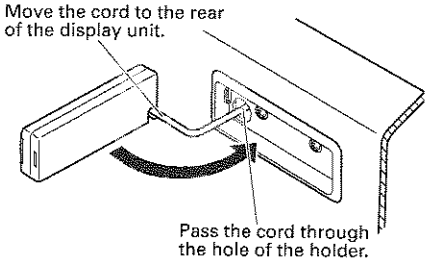
2. Fit the mounting bracket into the opening in the console, etc., raise the claws of the bracket with a flat-bladed screwdriver, and secure the bracket in place.


Console, etc.
Mounting bracket
Claws (four)
Fit the bracket into the opening in the console, etc., raise claws of the bracket with a flat-bladed screwdriver, and secure it.

3. Fit the mounting bracket into the holder (the top and bottom of the holder are predetermined), then secure it with Hex-screws (3 × 6 mm).



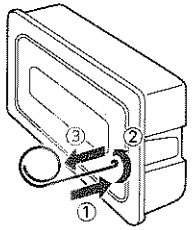
4. Pass the display unit cord through the hole in the holder, and fit the display unit into the holder.



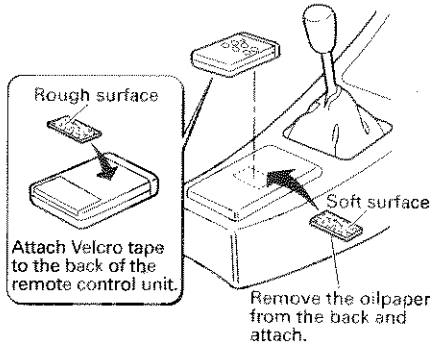
Removing the Display Unit

How to Remove the Display Unit

Insert the release pin that comes with the unit as shown in the illustration. Turn it to the left and then pull it towards you.



Installing the Remote Controller Unit


Rough surface
Soft surface
Attach Velcro tape to the back of the remote control unit.
Remove the oilpaper from the back and attach.

Affix a strip of Velcro tape to the back of the remote control unit. Remove the oil paper on the back and affix into place.

- Thoroughly wipe off the surface before affixing the Velcro tape.
- Do not attach the Velcro tape over the battery compartment cover of the remote controller.

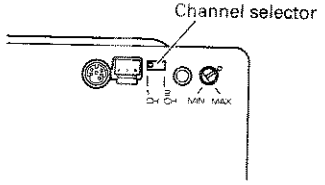
Precautions

- Keep the remote controller unit in an area not exposed to long periods of direct sunlight.
- The remote controller unit may not operate properly if the transmitter of the remote controller unit is pointed towards the floor or the seat of the vehicle.
- Since the transmitter employs and infrared system, it may not operate properly while car stereo unit is exposed to direct sunlight. In such a case, block the sunlight from the sensor and then perform the desired operation.
- If the remote controller fails to operate unless it is brought close to the unit, it may indicate that battery power is low. Replace the batteries in the remote controller.

Setting Player to Play Discs via Radio

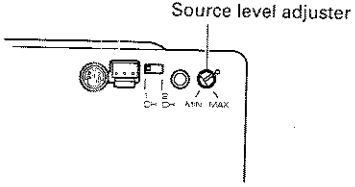
Modulating frequencies selector

The channel selector determines the FM frequency used to play discs via your radio. Normally, set the selector to CH1 (89.1MHz). If a strong station breaks in on this frequency, set the switch to CH2 (89.5 MHz)



Source level adjuster

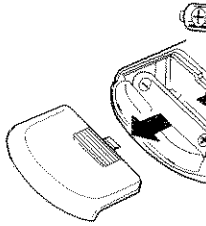
Normally, set the source level adjuster to the position indicated by the dot (•). If, when you play discs, the volume is low compared with that for FM, turn the control clockwise . If the volume is high, and there is distorion, turn the control counterclockwise.



Preparing to Use Controller Unit

Loading Batteries

UM-4



1. Remove the battery cor from the remote contro
2. Load two batteries, whc AAA, or R03, as applica with the unit into the re unit, ensuring that their correct.
3. Replace the battery cor

Precautions When Loading Batteries

Note the following precautions when loading batteries into the remote controller unit to avoid damage due to battery fluid leakage.

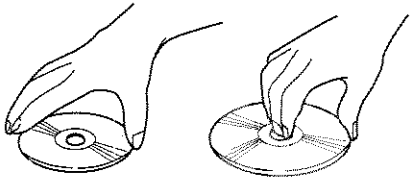
- *Always check carefully that you are loading batteries with their (+) and (–) poles facing in the proper directions.*
- *Never mix old and new batteries. Always replace batteries with two new ones.*
- *Some batteries may appear to be identical but have different voltage ratings. Never mix battery types.*
- *Some batteries can be recharged and some cannot. Be sure to carefully read the label for the batteries you use.*
- *To avoid damage to the remote controller caused by battery leakage, remove the batteries from the remote controller if you do not plan to use it for more than one month. If you find that fluid has leaked, thoroughly wipe out the battery compartment and load a set of new batteries.*

Discs

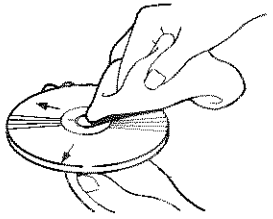
- *Only use compact discs (optical digital audio discs) bearing the mark shown below.*

COMPACT disc DIGITAL AUDIO

- *Be sure never to touch the signal surface when handling discs. Pick up discs by grasping the outer edges or the edges of the hole and the outer edge.*



- *Do not affix paper or tape, and avoid scratching the side of the disc which contains the label (contents of disc).*
- *The disc revolves at high speed within the player unit, so defective (cracked or badly bent) discs should not be used.*
- *Dust and/or finger smudges will have no direct effect on the signal recorded on the disc, but dirt can decrease the amount of light reflected from the recorded surface, thus affecting sound quality. If the disc should become soiled, gently wipe the surface with a soft lint-free cloth, wiping from the center of the disc to the edge.*



- *Do not use record sprays or antistatic agents. Such volatile chemicals as benzine and thinner can also damage the surface of the disc and should not be used.*
- *As with traditional audio records, compact discs are made of plastic. To avoid warping, keep the discs in their cases and do not store them in places exposed to direct sunlight.*

Using the Compact Disc Magazine

Precautions when handling magazines

- *Do not put the magazine in a place where it will be exposed to high temperatures or direct sunlight.*
- *Do not disassemble the magazine.*
- *Take care not to drop the magazine or knock it against anything.*
- *Do not use cracked or warped trays.*
- *Never insert anything other than discs. Do not attach a label or tape to a disc.*
- *The use of benzine, thinner, insecticide, or other volatile chemicals may damage the magazine surface.*

Extra magazines

If you need more magazines, please ask your nearest dealer for magazine JD-1212.

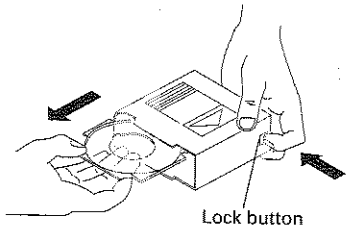
Notes on 8-cm (3-inch) CDs

- *Do not use an 8-cm CD adapter. If it is used, the player may fail. To load an 8-cm CD, you need a special 8-cm CD tray (Part No. CXA5485). Ask your Pioneer service station about it.*

Inserting discs

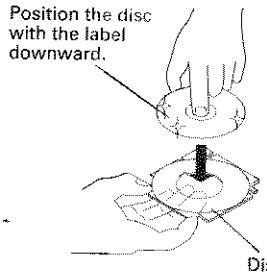
Load the discs in the magazine supplied. Up to 12 discs can be loaded in the magazine. The discs are numbered 1 to 12 from the bottom disc tray.

1. Hold down the magazine lock button and, pull the tray out.



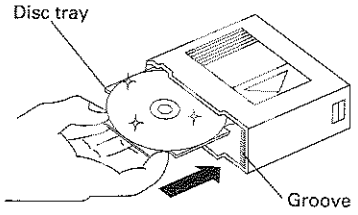
- *Pull the tray out by holding it from underneath as shown in the figure. The tray is detached from the magazine. Do not drop the tray or disc and so damage it.*

2. Put 1 disc on the disc tray, label downward.



- If the disc is loaded upside down, it will not play. The label side must face downward.
- Do not touch the recorded side of a disc when inserting or removing it.

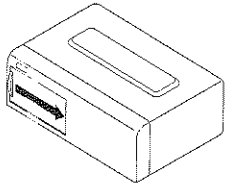
3. Insert the tray horizontally along the right and left grooves of the magazine until it clicks. (The disc must not lift from the tray.)



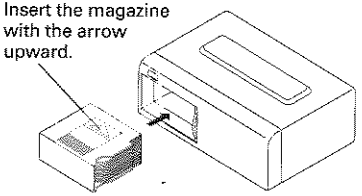
- *If the tray is not aligned with the right and left grooves, it cannot be pushed to the end. Do not bend or force the tray.*
- *Always load 12 trays in a magazine to prevent loss or warping of trays.*
- This compact disc player recognizes which magazine is in use from the bottom disc. Always keep a disc in the bottom disc tray.
- If you load a disc with the label generally printed in black facing up, not only will the player not be able to recognize whether the disc is set or not, but also, the display unit will not display an error message to let you know about it. So make sure all the discs in each magazine have their label sides facing down.

Loading and removing the magazine

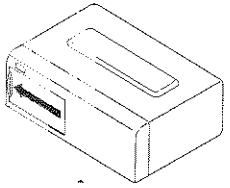
1. Slide and open the door.
   Open it fully until it locks with a click.



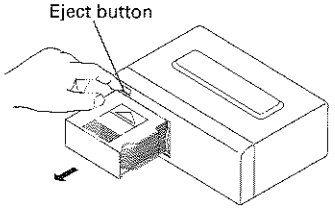
2. Insert the magazine.
- Make sure that the magazine is loaded with discs before inserting it into the player.
- Be careful to insert the magazine into player with the mark facing upward.
- *If the label on the magazine is coming off or wrinkled up, it may damage the eject mechanism, and in some cases, the magazine may not be ejected. Therefore, remove a damaged label completely before use.*



3. Slide and close the door.
- *Never leave the door open while playing discs. The entry of dirt, dust, or any other foreign matter into the player may cause it to fail.*



4. To remove the magazine, open the door and press the eject button. If the door is not fully open, the magazine will not be ejected.



Playing Compact Discs

Parts Identification

(Fig. 1)

[1] Power ON/OFF
[2] Mode
[3] Pause
[4] Disc Number Search
[5] Track Search/Fast Forward, Reverse
[6] ITP (Instant Track Program)
[7] Program Clear
[8] Serch mode selection

(Fig. 2)

[9] Display
[10] Power ON/OFF

(Fig. 5)

[11] Disc Number
[12] Track Number
[13] ITP (Instant Track Program)
[14] Random play
[15] Music Repeat/Disc Repeat
[16] Pause

1. Switch the radio on and tune to 89.1 MHz or 89.5 MHz FM.

- Select CH1 (89.1 MHz) or CH2 (89.5 MHz) with the channel selector in the CD player unit beforehand.
- If you radio has preset tuning, you can preset the frequency of the selected channel.
- If your radio does not have muting, there may be some noise before power switch of control unit is ON. If this happens, turn down the volume of the radio.

2. Press button [1] or [10] to switch on and start the player.

Disc Number [11], and Track Number [12] will light.

- If you turn the system power on when there is no maganize in the player, "NM" (no maganize) flashes on the display for about five seconds, then the power goes off. If this happens, load a magazine, and turn the system power on again.
- If there are no discs in the magazine in the player, or if all the discs have been loaded in the magazine with their label sides facing up, an error appears on the display, and the system does not start. If this happens, eject the magazine and check whether there are any discs in it.
- If you take the magazine out of the player while a CD is playing, "NM" (No magazine) appears on the display for about five seconds, then the power goes off.
- If the car radio connected to this system has a stereo indicator, the indicator will always be it, even if the music from the CD player is mono.
- It takes about 15 seconds before t plays after the magazine is loded CD player. This is because the pla firms the presence of any discs ir magazine and is not due to any n tion. During this time, "M-Cd" ap the display.

3. Set the volume, balance, bass, ar to the desired level using the car

4. To stop disc play, press button [

- If you want to listen to the radio sette after stopping the player, tu the volume of the radio and stop player.

Using Track Search/Fast Forward and Reverse

Each time you press button [8], the mode switches between Track Search mode and Manual serch mode.

Track Search

1. Select Track Serch mode.
2. Press the (►) side of button [5] to increase the number at Position [12], or the (◄) side to decrease the number. Holding either side of button [5] down changes the number at high speed.

Fast Forward and Reverse

1. Select Manual serch mode.
2. Press the (►) side of button [5] to fast-forward, press the (◄) side to reverse.

Disc Number Search

Press the (▲) side of button [4] to increase the number at Position [11], or the (▼) side to decrease the number. Empty trays in the magazine will be skipped during selection.

Using Disc Repeat/Music Repeat and Random Play

Each Press of button [2] causes the mode to change as follows:
Music Repeat ("RPT" [15] appears) → Random Play ("RDM" [14] appears) → Normal
If button [2] is pressed for 2 or more seconds, the mode changes to Disc Repeat ("D.RPT" [15] appears).

- When Disc Repeat or Music Repeat are not operational, the compact discs contained in the magazine will play sequentially from beginning to end, and then start from disc 1 again.

Music Repeat

1. To repeat the music you are listening to, select the repeat mode ("RPT" [15] appears).
2. To cancel music repeat, press button [2] to turn off "RPT" [15].

Random Play

1. To play music randomly, select the random play mode ("RDM" [14] appears). Once the current track has been played, the microprocessor will randomly select the next and subsequent tracks.
2. To cancel random play, press button [2] to turn off "RDM" [14].

- Since selections are played in random order, the same selection may be played twice in succession.

Disc Repeat

The Disc Repeat function causes the same disc to play repeately.

1. Press button [2] for 2 seconds or more while the desired disc is being played. The mode will change to Disc Repeat mode ("D.RPT" [15] appears).
2. To cancel Disc Repeat, again, press button [2] for 2 seconds or more and turn off "D.RPT" at [15].

Pausing

1. Press button [3] to pause during discs playback. ("PAUSE" [16] appears.)
2. Press button [3] again to release pause.

- You can pause even during music repeat/random play/disc repeat/program play.

Using Program Play

This function lets you program the play sequence of all the tracks contained on the compact discs loaded in the magazine.

- Up to 32 selections can be programmed for a single magazine.
- Up to 16 different magazines (max. 32 selections per magazine) can be programmed individually. If you program more than 16 magazines, old programs are automatically replaced by new ones.
- Automatic Magazine Prgram Selection (AMPS) retrieves the right program from the memory automatically, as soon as a preprogrammed magazine is loaded. Preprogrammed magazines are identified using the CD in the tray 1 of the magazine. Therefore be sure that tray 1 contains a disc.

Programming

1. While a disc is playing, select the desired disc and track you want to program.
2. Press button [6] to memorize the track being played.
   ("P-01" is indicated during the memory step.)
3. Procedures 1 and 2 above can be repeated until a maximum of 32 steps are programmed.

- If the 33rd step is selected, the "FULL" display will apper, indicating that no more selections can be programmed.
- When there are already a number of selections in the memory, the new selection will be added to the last step.

Playing Back the Program

1. Hold down button [6] for 2 seconds to begin play in the programmed sequence, while a disc is playing.
   ("PP01" is indicated during the step where the program is played.)
2. Press button [6] again to cancel program play.

- Pressing the (◀◀) or (▶▶) side of button [5] during programmed play makes it possible to search for a specific step number from among the programmed selections.
- Program play returns to the first step in the programmed sequence when it reaches the end of the program.
- When playing a magazine that has no program recorded, "PP00" will be displayed for approximately 3 seconds.

Erasing the Program

It is possible to erase one or all selections the program in the magazine being playe

To erase a single selection:

1. Press the (◀◀) or (▶▶) side of button [5] d ing programmed play, and search for t specific step you wish to erase.
2. Press button [7] for at least 2 seconds a the selection being played will be erase

- After the particular track has been erase the tracks in the next position move fro down up one notch in the order from t previous position.

To erase the entire program:

While a disc is playing, hold down button for at least 2 seconds. All the programs in the magazine being played will be erased. ("P-CL" is indicated on the display.)

Error Mode

Should an abnormality occur — for example, CD Player cannot be operated, or the music stops during CD playback — the display unit will indicate an error mode. (Example :"E-11")
While the display unit is in error mode, a number will be displayed indicating the cause of the error, so please check the items listed below. If you cannot fix the problem after checking the cause of the error, please contact your dealer or your nearest Pioneer service center.

Error No.	Cause	Treatment
11, 12	Dirt or a scratch on the disc stops the laser beam from being able to focus.	Wipe off the dirt. Exchange the disc if it has been scratched.
	The disc has been inserted upside down.	Confirm that the disc has been inserted right side up.
14	The disc has been inserted upside down.	Confirm that the disc has been inserted right side up.
	An unrecorded compact disc (CD-R), whitch can be recorded on once is being used.	When you use a CD-R, load one that has been recorded on.
30	Dirt or a scratch on the disc hinders the track number search function.	Wipe the dirt off the disc. Exchange the disc if it is scratched.
80	There is no disc in the magazine.	Load a disc into the magazine.
A0, 10, 12, 50, 60, 70	Electrical or mechanical system fault.	See Note (*).

* Turn the car ignition switch off and on again, or press power ON/OFF button on the display unit, and start the CD playing again. If the error indication does not disappear, contact your nearest Pioneer service center or station.

Specifications

CD Player unit

System ..... Compact disc audio system
Usable discs ..... Compact Disc
Signal format ..... Sampling frequency: 44.1 kHz
Number of quantization bits: 16; linear
Power source ..... 14.4 V DC (10.8 — 15.6 V allowable)
Max. current consumption ..... 1.2 A
Weight ..... 2.6 kg (5.7 lbs)
Dimensions ..... 275 (W) × 98 (H) × 168 (D) mm
[10-7/8 (W) × 3-5/8 (H) × 6-5/8 (D) in.]
FM modulator usable frequency ..... 89.1 MHz/89.5 MHz

Antenna Switching unit

Weight ..... 140 g (0.3 lbs.)
Dimensions ..... 45 (W) × 25 (H) × 43 (D) mm
[1-3/4 (W) × 1 (H) × 1-5/8 (D) in.]

Display unit

Weight ..... 200 g (0.4 lbs.)
Dimensions ..... 105 (W) × 35 (H) × 17(D) mm
[4-1/8 (W) × 1-3/8 (H) × 5/8 (D) in.]

Remote Controller unit

Power source ..... Batteries (UM-4/AAA/R03) Two
Weight (including battteries) ..... 60 g (0.1 lbs.)
Dimensions ..... 55 (W) × 106 (H) × 15 (D) mm
[2-1/8 (W) × 4-1/8 (H) × 5/8 (D) in.]

These specifications were determined and are presented in accordance with specification standards established by the Ad Hoc Committee of Car Stereo Manufacturers.

Note:
Specifications and the design are subject to possible modification without prior notice due to improvements.